

Poster session presentations

Restoration and land conservation

- 1 USFWS Partnerships for Habitat Conservation in the Chesapeake Bay Watershed**
Daniel Murphy and Leslie Gerlich, Chesapeake Bay Field Office
- 2 Copper Creek Watershed Recovery: A Cooperative Conservation Partnership Initiative**
Bridgett Costanzo, Virginia Ecological Services Field Office
- 3 Wiley Drive Bridge Replacement Project**
Bridgett Costanzo, Virginia Ecological Services Field Office
- 4 Unleashing Southern New England Rivers –Targeted Dam Removal in New Hampshire, Massachusetts and Rhode Island**
Eric Derleth and Melissa Grader, New England Field Office; Sharon Marino, Southern New England-New York Bight Coastal Program; Joe McKeon, Central New England Fishery Resources Office
- 5 Status of the PCB Cleanup on the Hudson River**
Bob Foley, Ecological Services, and Amy Roe, New York Field Office
- 6 The Effects of Weather on the Distribution of Suspended Sediments in Lake Tecumseh**
John B. Gallegos, Christopher Hernandez, Geralyn Mireles, Back Bay NWR
- 7 Habitat Protection - A Partnership in Southern Maine**
Bob Houston, Gulf of Maine Coastal Program
- 8 Strategic and Cooperative Conservation Efforts in Action Restoring Aquatic Connectivity in Two High Priority Watersheds in Downeast Maine**
Scott Craig, Joseph McKerley, Maine Fishery Resources Office
- 9 Multi-year Stream Restoration in the Plain-Sect Amish Community in Lancaster County, Pennsylvania**
Adam Smith, Pennsylvania Field Office
- 10 Atlantic White Cedar Restoration: A Collaborative Study of Strategies in the Great Dismal Swamp National Wildlife Refuge**
Bryan Poovey, Great Dismal Swamp NWR
- 11 Restoration of a Pennsylvania Trout Stream using Natural Stream Channel Design**
Larry Brannaka and Christine Woodard, Pennsylvania Field Office
- 12 Restoring Migratory Bird Habitat at Long Beach West**
Wendy Green/Sharon Marino, Southern New England New York-Bight Coastal Program
- 13 MARSH: The Montezuma Alliance for the Restoration of Species and Habitats**
Linda Chorba Ziemba, Montezuma National Wildlife Refuge
- 14 Habitat Restoration in New York with Natural Resource Damage Assessment (NRDA) Funds**
Anne Secord, Amy Roe, New York Field Office
- 15 Great Lakes Restoration Initiative Projects in New York**
Amy Roe, Amanda Alexander, Anne Secord, Gian Dodici, Robyn Niver, New York Field Office

- 16 Targeting Habitat Restoration Using Gap Analysis with Selected Results from the Maryland-Delaware-New Jersey Gap Analysis Project: Species Richness Hotspots**
Rick McCorkle, Delaware Bay Estuary Project
- 17 Barren Island: Restoring a Chesapeake Bay Island Through Partnerships**
Nate Carle, Chesapeake Marshlands National Wildlife Refuge Complex
- 18 The Athos I Oil Spill & Natural Resource Damage Assessment and Restoration in New Jersey Pennsylvania and Delaware,** Sherry Krest, Chesapeake Bay Field Office
- 19 Restoring the Housatonic River Watershed Through NRDAR**
Molly Sperduto, Kenneth Munney and Andrew Major, New England Field Office
- 20 Restoring Wetlands along Vermont's Otter Creek: A Collaborative Approach**
Ryan Crehan and Chris Smith, Lake Champlain Fish and Wildlife Resources Office
- 21 Modeling Hydrologic Impacts of a Historic Railgrade on Wetland Plant Community Distribution to Reduce Uncertainty for Embankment Management at Canaan Valley National Wildlife Refuge**
Marquette Crockett, Canaan Valley NWR
- 22 Hackers Creek Project**
John Schmidt, West Virginia Field Office
- 23 TIMBER!!! How CCPs Cut Trees (title courtesy of Lillian Drew, age 8)**
Sean Flint, Umbagog National Wildlife Refuge
- 24 The Baltimore Washington Partners for Forest Stewardship: Working Together to Sustain the Ecological Services of Shared Landscapes**
Brad Knudsen, Patuxent Research Refuge
- 25 Beneficial Habitat Management in Powerline Right-of-Way**
Rich Mason, Chesapeake Bay Field Office
- 122 Stream Habitat and Restoration Program (SHARP) - Stream Restoration and Fish Passage Projects**
Mark Secrist, Chesapeake Bay Field Office
- 123 Stream Habitat and Restoration Program (SHARP) – Training and Tool Development**
Mark Secrist, Chesapeake Bay Field Office
- 126 South River Greenway: Targeted Land Preservation and Habitat Restoration**
Janet Norman and Rich Mason, Chesapeake Bay Field Office Wetlands and Hydrology
- 26 Watershed Analyses Using National Wetlands Inventory and Other Geospatial Data**
Ralph Tiner, Regional Office
- 27 Groundwater Response to Ditch Management at Great Dismal Swamp National Wildlife Refuge**
Fred Wurster, Great Dismal Swamp National Wildlife Refuge
- 28 Comprehensive Water and Marsh Monitoring at Prime Hook National Wildlife Refuge**
Susan Guiteras and Annabella Larson, Coastal Delaware National Wildlife Refuge Complex and Prime Hook National Wildlife Refuge
- 29 Using SDM to Develop Comparable Ways to Measure Carbon Sequestration at Seven Land Management Research and Demonstration Refuges across the Continental United States**
Susan C. Adamowicz, Ph. D., Rachel Carson National Wildlife Refuge
- 30 Eelgrass Assessment from Inventories in Eastern Long Island Sound**
Andrew MacLachlan, Southern New England-New York Bight Coastal Program

Seabird Biology

- 31 Atlantic & Great Lakes Sea Duck Telemetry Project**
Chris Dwyer, Jay Osenkowski (RI DEM), Sharon Marino, Lucas Savoy (BRI) & Nancy Pau, Migratory Birds
- 32 Cooperative Marine Bird Conservation in the Northwest Atlantic**
Melanie Steinkamp, Atlantic Coast Joint Venture
- 33 Maine Seabird Nesting Islands**
Bob Houston, Gulf of Maine Coastal Program
- 34 An Adaptive Approach for Seabird Island Vegetation Management**
Sara Williams, Maine Coastal Islands National Wildlife Refuge
- 35 New Technologies Reveal Migratory Pathways and Foraging Behavior of Pelagic Seabirds**
Linda Welch, Maine Coastal Islands National Wildlife Refuge Complex
- 36 Laughing Gull Management on Tern Restoration Islands in Maine**
Michael Langlois, Maine Coastal Islands National Wildlife Refuge Complex
- 37 Changes in the Distribution and Abundance of Gull and Cormorant Colonies in ME, NH, and MA**
Linda Welch, Maine Coastal Islands National Wildlife Refuge Complex

Avian Biology

- 38 Ecoregional Partnerships for Sustaining Bird Populations in the Atlantic Coast Joint Venture: The South Atlantic Migratory Bird Initiative**
Craig Watson, Tim Jones and Andrew Milliken, Charleston, SC; Laurel, MD; Hadley, MA
- 39 Tracking the Migration Movements of Bald Eagles, a Tool for Conservation**
Sandy Spencer, Eastern Virginia Rivers NWR Complex
- 40 The Coffee-Coal-Cerulean Warbler Connection: A Partnership Proposal for Conservation Action**
Randy Dettmers, Division of Migratory Birds
- 41 Remote Sensing of Nocturnal Bird Migration**
Deanna Dawson and Tim Jones, Atlantic Coast Joint Venture
- 42 Genetic Connectivity and Hybridization in Saltmarsh Sparrows: the Importance of Region 5 Refuges**
Kathleen M. O'Brien, Rachel Carson National Wildlife Refuge
- 43 Avian Influenza Monitoring in Downeast Maine**
Ray Brown, Maurice Mills, Jr., Moosehorn National Wildlife Refuge
- 44 Hudson River NRDA Avian Injury Assessment**
Kathryn Jahn, New York Field Office
- 45 Adaptive Management to Conserve Red Knots,**
Gregory Breese, Delaware Bay Estuary Project
- 46 Atlantic Coast Joint Venture: A Partnership for Bird Conservation**
Mitch Hartley, ACJV
- 47 Partnership Approach Fosters Shorebird Success on Virginia Coastal Barrier Island System**
Amanda Daisey, Chincoteague National Wildlife Refuge

- 48 Implementing Science-based Management to Protect Migratory Shorebirds at Monomoy Refuge**
Stephanie Koch, Monomoy National Wildlife Refuge
- 49 Using Adaptive Management to Benefit Beach Nesting Birds at Monomoy Refuge**
Kate Iaquinto, Monomoy National Wildlife Refuge
- 50 Mercury Levels in Saltmarsh Sparrows on Region 5 Refuges**
Andrew Major, Oksana Lane, Nancy Pau, Kate O'Brien, and Susan Lingenfelter, New England FO, Virginia FO, Parker River NWR, Rachel Carson NWR
- 51 Protecting Habitat on Sandy Point Island**
Wendy Green and Sharon Marino, Southern New England – New York Bight Coastal Program
- 52 Biological Planning and Conservation Design for Early Successional Habitat in the Appalachian Mountains**
Brian Smith and Todd Fearer, Blacksburg, VA/Appalachian Mountains Joint Venture
- 53 American Woodcock use of Migration Stopover Habitat in Southern New Jersey**
Ray Brown, Dan McAuley, Brian Allen, Moosehorn National Wildlife Refuge
- 54 Fall Landbird & Habitat Monitoring on the Delmarva Peninsula Southern Tip**
Pam Denmon (USFWS) and Fletcher Smith (CCB), Eastern Shore of Virginia National Wildlife Refuge

Bats

- 55 Genetic Determination of the Origin of Virginia Big Eared Bats (*Corynorhinus townsendii virginianus*) in a Summer Colony**
Shannon Julian, Northeast Fishery Center
- 56 Bats in Bunkers: Refugia or Experimental Chambers for WNS?**
Susi von Oettingen, Nancy Pau, New England Field Office, Parker River National Wildlife Refuge
- 57 Conserving Indiana Bat Hibernacula in New Jersey**
Eric Schrading, New Jersey Field Office
- 58 Effects of White-Nose Syndrome on Maternity Colonies: Changes in Community Dynamics of Bat Populations**
Marilyn Kitchell, Wallkill River, Shawangunk Grasslands, and Cherry Valley NWRs

New England Cottontail

- 59 Partnerships, Planning, and Implementation of New England Cottontail Habitat Restoration Projects on Private Lands in Southern New England and New York**
Ted Kendziora (NEFO), Eric Derleth (NEFO), Suzanne Paton (SNEP), New England Field Office and Southern New England-New York Bight Coastal Program
- 60 Noman's Island Reintroduction and Rhode Island Captive Breeding of NEC**
Suzanne Paton, Cynthia Maynard, Eileen McGourty, Southern New England - NY Bight Coastal Program
- 61 Working with Partners to Preserve NE Cottontail Populations in Maine,**
Mao Lin; Kris Vagos, Gulf of Maine Coastal Program & RHCNWR
- 62 Rangewide Organization of New England Cottontail Conservation Efforts Among Multiple Partners**
Anthony Tur, New England Field Office

- 63 New England Cottontail Conservation Design: Identification of Rangewide Focus Areas for Conservation,**
Anthony Tur, Andrew MacLachlan, NEFO, SNEP
- 64 New England Cottontail Conservation in Eastern Massachusetts**
Eileen McGourty, Anthony Tur, Eastern MA NWR Complex, NEFO
- 65 Conservation Genetics of New England Cottontails: Results of Range-wide and Local Investigations**
Kathleen M. O'Brien, Rachel Carson NWR
- 66 Noninvasive Genetic Monitoring Tools for New England Cottontails: A Range-wide Investigation of Detection and Population Estimation**
Kathleen M. O'Brien, Rachel Carson NWR

Fish and Mussels

- 67 USFWS/UMass Fish Passage Partnership**
Curtis Orvis, Fisheries, Regional Office
- 68 Mating Strategies of Stocked Adult Atlantic Salmon in Hobart Stream**
Jeff Kalie, Northeast Fishery Center
- 69 Restoration of Land-locked Atlantic Salmon and Lake Trout in Lake Champlain**
William Ardren, Bradley Young, Henry Bouchard, Nick Staats, Steve Smith, Wayne Bouffard, and Madeleine Lyttle, Western New England Complex
- 70 Atlantic Coastal Fish Habitat Partnership**
Julie Devers, Maryland Fishery Resources Office
- 71 Atlantic Coast Fish Habitat Partnership**
Curtis Orvis, Fisheries, Regional Office
- 72 Eastern Brook Trout - Assessing Habitat Conditions in the Upper CT River Watershed**
Mark Maghini, Silvio O. Conte National Fish and Wildlife Refuge, Nulhegan Basin Division
- 73 Brook Trout Genetic Response to Population Isolation**
Meredith Bartron, Northeast Fishery Center
- 74 Eastern Brook Trout Joint Venture**
Callie McMunigal, Appalachian Partnership Coordination Office
- 75 Successful Partnership Helps Farmers and Brook Trout in West Virginia**
John Schmidt, West Virginia Field Office
- 76 Assessment of Lake Sturgeon in the Niagara River**
Betsy Trometer, Lower Great Lakes FWCO
- 77 Nine Mile Creek Dam Removal: A Cross Programmatic Project Among NYFO, Montezuma NWR, and LGLFWCO**
Raymond Li, Lower Great Lakes FWCO
- 78 Who and Where? Identifying Lake Trout Hatchery Strain Recruitment Contributions and Spawning Habitat in the Niagara River and Niagara Bar**
Betsy Trometer, Lower Great Lakes FWCO
- 79 Fish Passage - A Cross-Program Strategy**
Madeleine Lyttle, Chris Smith, Lake Champlain Fish and Wildlife Resources Office

- 80 The National Fish Habitat Action Plan: Partnerships and Progress in the Northeast**
Paul Pajak, Fisheries, Regional Office
- 81 Restoration of American Shad in the Charles and Merrimack Rivers**
Claudia Ostaudelafont, Nashua National Fish Hatchery
- 82 Prioritizing Aquatic Habitat Restoration in Maine**
Jed Wright, Gulf of Maine Coastal Program
- 83 Fish Habitat and Passage**
Sandra J. Lary, Gulf of Maine Coastal Program
- 84 Assessing Endocrine Disruption in Smallmouth and Largemouth Bass on and near Region 5 National Wildlife Refuges**
Fred Pinkney, Chris Guy, Chesapeake Bay Field Office
- 85 A Suitable Feed Concentration, Diet, and Culture System for Rearing Endangered Northern Riffleshell, *Epioblasma torulosa rangiana***
Rachel Mair, White Sulphur Springs National Fish Hatchery
- 86 Toxicity of Coal-associated Contaminants in Sediment to Freshwater Mussels and Commonly Tested Benthic Invertebrates**
Cindy Kane, VA Ecological Services Field Office

Herpetofauna

- 87 Use of an Artificial Nesting Mound by Wood Turtles at Great Swamp NWR**
Colin Osborn, Great Swamp NWR
- 88 Bog Turtle Habitat Assessment and Management in NJ**
Elizabeth Ciuzio, NJ Field Office
- 89 Loggerhead Sea Turtle Viable Egg Collection Supports DNA Analysis to Study Reproductive Parameters**
Amanda Daisey, Chincoteague NWR
- 124 Wetland Reserve Program: A Key Contributor to the Recovery of Northern Bog Turtle**
Julie Slacum, Chesapeake Bay Field Office

Invertebrates

- 90 Pollinating Insects of Region 5**
Sandra J. Lary, Gulf of Maine Coastal Program
- 91 Successful Transplantation and Colonization of the Northeastern Beach Tiger Beetle**
Matt Boarman, Susi VonOettingen, Monomoy National Wildlife Refuge
- 92 Microbial Assessment of Effective Earthworm Management Trials for Restoration of an Urban Temperate Forest Site**
Flavia Rutkosky, Delaware Bay Estuary Project Office

Invasive Species

- 93 Mid-Atlantic Panel on Aquatic Invasive Species**
Lisa Moss, Virginia Fisheries Coordinator Office
- 94 A Vision for a Network of Landscape-Level Invasive Species Partnerships in the Connecticut River Watershed**
Cynthia Boettner, Silvio O. Conte National Fish and Wildlife Refuge
- 95 The Invasive Species Risk Assessment Planning (ISRAP) Process**
Michael Goehle, Lower Great Lakes FWCO
- 96 Surveying and Removal of Invasives Plants in Rhode Island**
Wendy Green/Sharon Marino, Southern New England New York-Bight Coastal Program
- 97 SuAsCo CISMA**
Amber Carr, Eastern MA NWR Complex
- 98 Mapping Invasive Species**
Amber Carr, Eastern MA NWR Complex
- 99 *Phragmites***
Ward Feurt, Rachel Carson National Wildlife Refuge

Energy

- 100 Summary of Avian and Bat Mortality at New York State Wind Energy Projects**
Tim Sullivan, New York Field Office
- 101 Water Quality and Forest Fragmentation Effects Associated with Marcellus Gas Drilling**
Kathy Patnode, Pennsylvania Field Office

Fire Management

- 102 Adaptive Management: Wetland Loss and Fire Effects at Blackwater NWR (Elevation Changes)**
Laura Mitchell, Northeast Fire Program
- 103 Adaptive Management: Wetland Loss and Fire Effects at Blackwater NWR (Marsh Cover Changes)**
Matt Whitbeck, Chesapeake Marshlands NWR
- 104 Seaside Sparrow Response to Prescribed Fire Frequencies in Mid-Atlantic Tidal Marshes**
Rebecca Kern, Blackwater NWR
- 105 Habitat Improvement and Restoration in Virginia Through Interagency Fire Management**
Tim Craig, Great Dismal Swamp NWR

Funding

- 111 Regional Conservation Needs Grants Program,**
Dee Blanton, Wildlife and Sport Fish Restoration, Regional Office
- 112 The NAWCA Grant Program,**
Mitch Hartley, Atlantic Coast Joint Venture

Climate Change

113 Gulf of Maine Integrated Ecological Research Program,
Linda Welch, Maine Coastal Islands NWR

114 Managing Fish & Wildlife Resources on a Landscape Scale in a Changing Climate,
John B. Gallegos, Christopher Hernandez, Geralyn Mireles, Back Bay NWR

Public Use and Education

115 Bringing Schoolyard Habitats to Buffalo and Niagara Falls Schools,
Marie Schrecengost, Lower Great Lakes Fish and Wildlife Conservation Office

116 An Ounce of Prevention: Outreach Resources,
Denise Clay, Lower Great Lakes FWCO

125 Schoolyard Habitat Lessons: CBFO Gets Kids Outside for Math and Science,
Janet Norman, Chesapeake Bay Field Office

Strategic Habitat Conservation

117 A Partnership to Achieve Strategic Conservation and Restoration Outcomes
Tom DeMoss, Bill Jenkins, and Jamie Geiger, USEPA Region III Environmental Assessment and Innovation Division and FWS, Region 5, Fisheries

118 Designing Sustainable Landscapes for Wildlife in the North Atlantic LCC,
Kevin McGarigal and Andrew Milliken, University of Massachusetts and FWS Science Applications, North Atlantic LCC

119 Conserving the Stage: Climate Change and the Geophysical Underpinnings of Species Diversity,
Mark Anderson and Charles Ferree, The Nature Conservancy Eastern Resource Office

120 Beginning with Habitat: An Approach to Conserving Maine's Natural Landscape for Plants, Animals and People,
Ken Elowe and Steve Walker, FWS Science Applications and Maine Department of Inland Fisheries and Wildlife

National Wildlife Refuge System Vision

121 The National Wildlife Refuge System Visioning Process,
Susan Guiteras, Coastal Delaware National Wildlife Refuge Complex